

ABSTRACT

An integral thrust/journal bearing assembly, e.g., useable in a turbocharger is provided. The assembly includes a journal bearing configured to operate at a first mechanical load. The assembly further includes a thrust bearing including a thrust bearing face. The thrust bearing may be configured to operate at a second mechanical load different than the first mechanical load. A fluid circuit that includes parallel branches is provided within the integral bearing assembly for delivering parallel flows of lubricating fluid to the thrust bearing face and the journal bearing.